

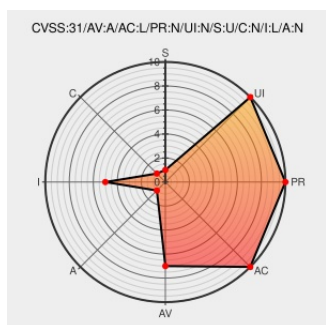


CVE-2021-34778

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CVE-2021-34778 - advisory for cisco-sa-sb220-lldp-multivuls-mVRUtQ8T

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

Certain versions of [Business 220-16p-2g](#) from [Cisco](#) contain the following vulnerability:

Multiple vulnerabilities exist in the Link Layer Discovery Protocol (LLDP) implementation for Cisco Small Business 220 Series Smart Switches. An unauthenticated, adjacent attacker could perform the following: Execute code on the affected device or cause it to reload unexpectedly Cause LLDP database corruption on the affected device

For more information about these vulnerabilities, see the Details section of this advisory.

Note: LLDP is a Layer 2 protocol. To exploit these vulnerabilities, an attacker must be in the same broadcast domain as the affected device (Layer 2 adjacent). Cisco has released firmware updates that address these vulnerabilities.

CVE-2021-34778 has been assigned by [psirt@cisco.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

The Cisco PSIRT is not aware of any public announcements or malicious use of the vulnerabilities that are described in this advisory.

Affected Vendor/Software: [Cisco](#) - **Cisco Small Business 200 Series Smart Switches** version n/a

CVSS3 Score: **4.3 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
ADJACENT_NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	LOW	NONE

CVSS2 Score: **2.9 - LOW**

Access Vector	Access Complexity	Authentication
ADJACENT_NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact

NONE

PARTIAL

NONE

CVE References

Description	Tags	Link
Cisco Small Business 220 Series Smart Switches Link Layer Discovery Protocol Vulnerabilities	tools.cisco.com text/html	CISCO 20211006 Cisco Small Business 220 Series Smart Switches Link Layer Discovery Protocol Vulnerabilities

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Related QID Numbers

[730223](#) Cisco Small Business 220 Series Smart Switches Link Layer Discovery Protocol Vulnerabilities (cisco-sa-sb220-lddp-multivuls-mVRUtQ8T)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware 	Cisco	Business 220-16p-2g	-	All	All	All
Operating System	Cisco	Business 220-16p-2g Firmware	All	All	All	All
Hardware 	Cisco	Business 220-16t-2g	-	All	All	All
Operating System	Cisco	Business 220-16t-2g Firmware	All	All	All	All
Hardware 	Cisco	Business 220-24fp-4g	-	All	All	All
Operating System	Cisco	Business 220-24fp-4g Firmware	All	All	All	All
Hardware 	Cisco	Business 220-24fp-4x	-	All	All	All
Operating System	Cisco	Business 220-24fp-4x Firmware	All	All	All	All
Hardware 	Cisco	Business 220-24p-4g	-	All	All	All
Operating System	Cisco	Business 220-24p-4g Firmware	All	All	All	All
Hardware 	Cisco	Business 220-24p-4x	-	All	All	All
Operating System	Cisco	Business 220-24p-4x Firmware	All	All	All	All
Hardware 	Cisco	Business 220-24t-4g	-	All	All	All
Operating System	Cisco	Business 220-24t-4g Firmware	All	All	All	All
Hardware 	Cisco	Business 220-24t-4x	-	All	All	All
Operating System	Cisco	Business 220-24t-4x Firmware	All	All	All	All

System

Hardware		Cisco	Business 220-48fp-4x	-	All	All	All
Operating System		Cisco	Business 220-48fp-4x Firmware	All	All	All	All
Hardware		Cisco	Business 220-48p-4g	-	All	All	All
Operating System		Cisco	Business 220-48p-4g Firmware	All	All	All	All
Hardware		Cisco	Business 220-48p-4x	-	All	All	All
Operating System		Cisco	Business 220-48p-4x Firmware	All	All	All	All
Hardware		Cisco	Business 220-48t-4g	-	All	All	All
Operating System		Cisco	Business 220-48t-4g Firmware	All	All	All	All
Hardware		Cisco	Business 220-48t-4x	-	All	All	All
Operating System		Cisco	Business 220-48t-4x Firmware	All	All	All	All
Hardware		Cisco	Business 220-8fp-e-2g	-	All	All	All
Operating System		Cisco	Business 220-8fp-e-2g Firmware	All	All	All	All
Hardware		Cisco	Business 220-8p-e-2g	-	All	All	All
Operating System		Cisco	Business 220-8p-e-2g Firmware	All	All	All	All
Hardware		Cisco	Business 220-8t-e-2g	-	All	All	All
Operating System		Cisco	Business 220-8t-e-2g Firmware	All	All	All	All
cpe:2.3:h:cisco:business_220-16p-2g:-:*~::~:							
cpe:2.3:o:cisco:business_220-16p-2g_firmware:*~::~:							
cpe:2.3:h:cisco:business_220-16t-2g:-:*~::~:							
cpe:2.3:o:cisco:business_220-16t-2g_firmware:*~::~:							
cpe:2.3:h:cisco:business_220-24fp-4g:-:*~::~:							
cpe:2.3:o:cisco:business_220-24fp-4g_firmware:*~::~:							
cpe:2.3:h:cisco:business_220-24fp-4x:-:*~::~:							
cpe:2.3:o:cisco:business_220-24fp-4x_firmware:*~::~:							
cpe:2.3:h:cisco:business_220-24p-4g:-:*~::~:							
cpe:2.3:o:cisco:business_220-24p-4g_firmware:*~::~:							
cpe:2.3:h:cisco:business_220-24p-4x:-:*~::~:							

```
cpe:2.3:o:cisco:business 220-24p-4x firmware:*.***.***.***.
```

```
cpe:2.3:h:cisco:business_220-24t-4g:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:business_220-24t-4g_firmware:*:*:*:*:*.*
```

```
cpe:2.3:h:cisco:business 220-24t-4x:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:business 220-24t-4x firmware:*.***.***.***.
```

```
cpe:2.3:h:cisco:business_220-48fp-4x:-:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:business 220-48fp-4x firmware:*.***.***.***.
```

```
cpe:2.3:h:cisco:business_220-48p-4g:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:business 220-48p-4g firmware:*.~*~*~*~*~*~*
```

```
cpe:2.3:h:cisco:business 220-48p-4x:-:*:*:*:*:*:*:
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cpe:2.3:o:cisco:business 220-48p-4x firmware:*.***.***.***.
```

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cpe:2.3:h:cisco:business 220-48t-4g:-:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:business 220-48t-4g firmware:*.***.***.***.
```

```
cpe:2.3:h:cisco:business 220-48t-4x:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:business 220-48t-4x firmware:*.***.***.***.
```

```
cpe:2.3:h:cisco:business_220-8fp-e-2g:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:business_220-8fp-e-2g_firmware:*.*.*.*.*.*.*.*
```

```
cpe:2.3:h:cisco:business_220-8p-e-2g:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:business_220-8p-e-2g_firmware:*.*.*.*.*.*.*.*
```

```
cpe:2.3:h:cisco:business_220-8t-e-2g:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:business 220-8t-e-2g firmware:*.~*~*~*~*~*~*
```

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-34778 : Multiple vulnerabilities exist in the Link Layer Discovery Protocol LLDP implementation for Cisc... twitter.com/i/web/status/1...	2021-10-06 19:55:48
 @Robo_Alerts	Potentially Critical CVE Detected! CVE-2021-34778 Description: CVE-2021-34778 Multiple vulnerabilities exist in the... twitter.com/i/web/status/1...	2021-10-06 21:00:04

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